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L Number	Hits	Search Text	DB	Time stamp
-	1489	345/156.ccls.	USPAT; US-PGPUB; DERWENT	2003/07/22 15:28
-	160	345/156.ccls. and ((force resistance) near3 (feedback))	USPAT; US-PGPUB; DERWENT	2003/07/22 14:17
-	73	(345/156.ccls. and ((force resistance) near3 (feedback))) and variable	USPAT; US-PGPUB; DERWENT	2003/07/22 14:19
-	125	(345/156.ccls. and ((force resistance) near3 (feedback))) and actuator	USPAT; US-PGPUB; DERWENT	2003/07/22 14:26
-	82	(345/156.ccls. and ((force resistance) near3 (feedback))) and actuator	USPAT; DERWENT	2003/07/22 14:21
-	105	((345/156.ccls. and ((force resistance) near3 (feedback))) and actuator) and range	USPAT; US-PGPUB; DERWENT	2003/07/22 14:26
-	11	((345/156.ccls. and ((force resistance) near3 (feedback))) and actuator) and (range near3 (limit limitation))	USPAT; US-PGPUB; DERWENT	2003/07/22 14:30
-	75	((345/156.ccls. and ((force resistance) near3 (feedback))) and actuator) and acceleration	USPAT; US-PGPUB; DERWENT	2003/07/22 14:30
-	1489	345/156.ccls.	USPAT; US-PGPUB; DERWENT	2003/07/22 15:28
-	150	345/156.ccls. and speed and acceleration	USPAT; US-PGPUB; DERWENT	2003/07/22 15:29
-	90	345/156.ccls. and speed and acceleration	USPAT; DERWENT	2003/07/22 15:34
-	39	(345/156.ccls. and speed and acceleration) and (force near3 feedback)	USPAT; DERWENT	2003/07/22 15:44
-	2	6154201.pn.	USPAT; DERWENT	2003/07/22 15:44
-	2	6145201.pn.	USPAT; DERWENT	2003/12/19 13:35
-	2	6154201.pn.	USPAT; DERWENT	2003/12/19 13:35
-	155708	(resistance feedback) and (actuat\$4 force) and (sens\$3)	USPAT	2004/08/23 15:31
-	89100	((resistance feedback) and (actuat\$4 force) and (sens\$3)) and input	USPAT	2004/08/23 13:36
-	6585	((resistance feedback) and (actuat\$4 force) and (sens\$3)) and (input adj device)	USPAT	2004/08/23 13:36
-	133	((resistance feedback) and (actuat\$4 force) and (sens\$3)) and (input adj device) near5 ((force near4 feedback) resistance)	USPAT	2004/08/23 13:37
-	5	("5187630" "5252821" "5790101" "6128006" "6158136" "2002/0080115").PN.	USPAT	2004/08/23 13:37

-	332	(actuat\$3) with (position adj sens\$3) with (force resistance)	USPAT	2004/08/23 13:52
-	40	((actuat\$3) with (position adj sens\$3) with (force resistance)) and ((width range) near4 movement)	USPAT	2004/08/23 13:58
-	8	("5515345" "5796927" "5828813" "5945646" "5952730" "6154201" "6184868" "6246129").PN.	USPAT	2004/08/23 13:53
-	0	6593667.URPN.	USPAT	2004/08/23 13:54
-	1844	307/10.1.ccls.	USPAT	2004/08/23 14:07
-	325	((resistance feedback) and (actuat\$4 force) and (sens\$3)) and 307/10.1.ccls.	USPAT	2004/08/23 13:57
-	5	((((resistance feedback) and (actuat\$4 force) and (sens\$3)) and 307/10.1.ccls.) and input.ti.	USPAT	2004/08/23 13:57
-	2	((((resistance feedback) and (actuat\$4 force) and (sens\$3)) and 307/10.1.ccls.) and ((width range) near4 movement)	USPAT	2004/08/23 14:04
-	8	("5515345" "5796927" "5828813" "5945646" "5952730" "6154201" "6184868" "6246129").PN.	USPAT	2004/08/23 13:58
-	5	("4574651" "5315900" "5767464" "5952730" "6366442").PN.	USPAT	2004/08/23 13:59
-	23024	(resistance feedback) near9 (actuat\$4 force) and (sens\$3)	USPAT	2004/08/23 14:00
-	56	((resistance feedback) near9 (actuat\$4 force) and (sens\$3)) and 307/10.1.ccls.	USPAT	2004/08/23 14:00
-	34	307/10.1.ccls. and ((width range) near8 (movement movable))	USPAT	2004/08/23 14:04
-	4	("3580352" "4663713" "4981202" "5945646").PN.	USPAT	2004/08/23 14:05
-	2212	307/10.1.ccls. 307/9.1.ccls.	USPAT	2004/08/23 14:08
-	1	(307/10.1.ccls. 307/9.1.ccls.) and (force near3 feedback)	USPAT	2004/08/23 14:08
-	3	(307/10.1.ccls. 307/9.1.ccls.) and (resistance near3 feedback)	USPAT	2004/08/23 14:09
-	22	(force near5 feedback) with knob	USPAT	2004/08/23 15:08
-	6	("5847704" "5916288" "6128006" "6225584" "6404354" "6536825" "2001/0004044" "2001/0016794" "2002/0128753").PN.	USPAT	2004/08/23 14:12
-	12505	(force actuator haptic) with feedback	USPAT	2004/08/23 16:14
-	9	(307/10.1.ccls. 307/9.1.ccls.) and ((force actuator haptic) with feedback)	USPAT	2004/08/23 15:10
-	5	resistance and ((307/10.1.ccls. 307/9.1.ccls.) and ((force actuator haptic) with feedback))	USPAT	2004/08/23 15:10
-	23	(range near4 (movement motion movable)) and (307/10.1.ccls. 307/9.1.ccls.)	USPAT	2004/08/23 15:30

-	272695	limit\$3 near6 (movement motion range movable)	USPAT	2004/08/23 15:31
-	130	(307/10.1.ccls. 307/9.1.ccls.) and (limit\$3 near6 (movement motion range movable))	USPAT	2004/08/23 15:31
-	30	((307/10.1.ccls. 307/9.1.ccls.) and (limit\$3 near6 (movement motion range movable))) and ((resistance feedback) and (actuat\$4 force) and (sens\$3))	USPAT	2004/08/23 15:31
-	4	("3580352" "4663713" "4981202" "5945646").PN.	USPAT	2004/08/23 16:11
-	1	6366442.URPN.	USPAT	2004/08/23 16:12
-	10421	(force tactile haptic) with feedback	USPAT	2004/08/23 16:14
-	8	(307/10.1.ccls. 307/9.1.ccls.) and ((force tactile haptic) with feedback)	USPAT	2004/08/23 16:17
-	1	6154210.pn.	USPAT	2004/08/23 16:17
-	1	6154210.pn.	USPAT	2004/08/23 16:17
-	18	(range near4 motion) with (force near3 feedback)	USPAT	2004/08/23 16:21
-	2	6,154,201.pn.	USPAT; US-PGPUB; DERWENT	2004/08/23 16:26
-	2	6,128,006,.pn.	USPAT; US-PGPUB; DERWENT	2004/08/23 16:26
-	0	20020075286A1	US-PGPUB	2004/08/24 13:52
-	1	"20020075286"	US-PGPUB	2004/08/24 13:53
-	0	5742264.pn.	US-PGPUB	2004/08/24 13:55
-	1	5742264.pn.	USPAT	2004/08/24 13:55
-	10	("4755023" "4884219" "4961626" "4969714" "5309169" "5320538" "5486841" "5572343" "5576887" "5581271").PN.	USPAT	2004/08/24 13:55
-	2	5825308.pn.	USPAT; US-PGPUB; DERWENT	2004/08/24 17:12
-	136113	(force resistance) near 5999168.PN. (end near5 (width range))	USPAT; US-PGPUB; DERWENT	2004/08/24 17:13
-	1391	(force resistance) near7 (end near5 (width range))	USPAT	2004/08/24 17:14
-	8	((force resistance) near7 (end near5 (width range))) and (input same knob)	USPAT	2004/08/24 17:14
-	8	("5515345" "5796927" "5828813" "5945646" "5952730" "6154201" "6184868" "6246129").PN.	USPAT	2004/08/24 17:14

-	67790	(force resistance) near7 (width range)	USPAT	2004/08/24 17:14
-	273	((force resistance) near7 (width range)) and (input same knob)	USPAT	2004/08/24 17:15
-	0	((force resistance) near7 (width range)) and (input same knob)) and 35/\$.ccls.	USPAT	2004/08/24 17:15
-	18	((force resistance) near7 (width range)) and (input same knob)) and 345/\$.ccls.	USPAT	2004/08/25 12:08

	223	("3157853" "3220121" "3497668" "3517446" "3902687" "3903614" "3919691" "3944798" "4050265" "4125800" "4131033" "4148014" "4160508" "4236325" "4477043" "4513235" "4560983" "4581491" "4599070" "4654648" "4692756" "4706294" "4708656" "4712101" "4713007" "4724715" "4734685" "4782327" "4787051" "4795296" "4798919" "4800721" "4811608" "4823634" "4839838" "4868549" "4879556" "4891764" "4930770" "4934694" "4935728" "4943866" "4949119" "4961138" "4961267" "4964004" "4979050" "4983786" "4983901" "5007300" "5019761" "5022407" "5035242" "5038089" "5044956" "5065145" "5078152" "5095303" "5103404" "5107080" "5107262" "5113179" "5116051" "5138154" "5139261" "5143505" "5146566" "5181181" "5184319" "5185561" "5186629" "5186685" "5189355" "5193963" "5204600" "5212473" "5220260" "5223776" "5228356" "5235868" "5237327" "5240417" "5254919" "5271290" "5275174" "5280276" "5293158" "5296846" "5296871" "5298890" "5299810" "5309140" "5313230" "5317336" "5334027" "5355148" "5374942" "5381080" "5389865" "5396266" "5397323" "5397865" "5398044" "5405152" "5414337" "5429140" "5436638" "5436640" "5451924" "5457479" "5466213" "5473344" "5477237" "5491477" "5512919" "5513100" "5530455" "5541379" "5542672" "5543821" "5547382" "5565887" "5570111" "5576727" "5587937" "5589828" "5589854" "5591082" "5591924" "5596347" "5623582" "5623642" "5625576" "5627531" "5629594" "5634794" "5642469" "5643087" "5656901" "5666138" "5666473" "5691747" "5691898" "5696537" "5709219" "5712725" "5714978" "5721566" "5724068" "5724106" "5734373" "5736978" "5742278" "5745057" "5745715" "5749577" "5754023" "5755577" "5757358" "5760764" "5766016" "5767839" "5771022" "5784052" "5788809" "5797152" "5790108" "5802535" "5805140" "5805165"	USPAT	2004/08/24 17:16
Search History 8/27/04 5:14:02 AM				
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	223	("3157853" "3220121" "3497668" "3517446" "3902687" "3903614" "3919691" "3944798" "4050265" "4125800" "4131033" "4148014" "4160508" "4236325" "4477043" "4513235" "4560983" "4581491" "4599070" "4654648" "4692756" "4706294" "4708656" "4712101" "4713007" "4724715" "4734685" "4782327" "4787051" "4795296" "4798919" "4800721" "4811608" "4823634" "4839838" "4868549" "4879556" "4891764" "4930770" "4934694" "4935728" "4943866" "4949119" "4961138" "4961267" "4964004" "4979050" "4983786" "4983901" "5007300" "5019761" "5022407" "5035242" "5038089" "5044956" "5065145" "5078152" "5095303" "5103404" "5107080" "5107262" "5113179" "5116051" "5138154" "5139261" "5143505" "5146566" "5181181" "5184319" "5185561" "5186629" "5186685" "5189355" "5193963" "5204600" "5212473" "5220260" "5223776" "5228356" "5235868" "5237327" "5240417" "5254919" "5271290" "5275174" "5280276" "5293158" "5296846" "5296871" "5298890" "5299810" "5309140" "5313230" "5317336" "5334027" "5355148" "5374942" "5381080" "5389865" "5396266" "5397323" "5397865" "5398044" "5405152" "5414337" "5429140" "5436638" "5436640" "5451924" "5457479" "5466213" "5473344" "5477237" "5491477" "5512919" "5513100" "5530455" "5541379" "5542672" "5543821" "5547382" "5565887" "5570111" "5576727" "5587937" "5589828" "5589854" "5591082" "5591924" "5596347" "5623582" "5623642" "5625576" "5627531" "5629594" "5634794" "5642469" "5643087" "5656901" "5666138" "5666473" "5691747" "5691898" "5696537" "5709219" "5712725" "5714978" "5721566" "5724068" "5724106" "5734373" "5736978" "5742278" "5745057" "5745715" "5749577" "5754023" "5755577" "5757358" "5760764" "5766016" "5767839" "5771022" "5781172" "5784052" "5785830" "5787152" "5790108" "5802535" "5805140" "5805165"	USPAT	2004/08/24 17:16
Search History 8/27/04 5:11:02 AM				
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-	962	((force resistance) near6 (end increas\$4) near6 (dial joystick manipulator knob))	USPAT	2004/08/25 12:10
-	422	((increas\$4 more) near3 (force resistance) near6 (dial joystick manipulator knob))	USPAT	2004/08/25 12:11
-	373	((increas\$4 more) near3 (force resistance) near6 (dial manipulator knob))	USPAT	2004/08/25 12:33
-	12	((increas\$4 more) near3 (force resistance) near6 (dial manipulator knob))) and 345/\$.ccls.	USPAT	2004/08/25 15:40
-	2	((increas\$4 more) near3 (force resistance) near6 (dial manipulator knob))) and 307/\$.ccls.	USPAT	2004/08/25 12:33
-	21	((increas\$4 more) near3 (force resistance) near6 (end)) with (dial manipulator knob)	USPAT	2004/08/25 12:35
-	42	(force resistance feedback) near6 (end range) near3 (movement movable) with (dial manipulator knob)	USPAT	2004/08/25 12:37
-	30	(force resistance feedback) near6 (end range) near3 (movement movable) near9 (dial manipulator knob)	USPAT	2004/08/25 12:36
-	1	6342880.pn.	USPAT	2004/08/25 12:37
-	19	5999168.URPN.	USPAT	2004/08/25 12:45
-	446	(more near4 (feedback resistance force)) same (joystick manipulator knob)	USPAT	2004/08/25 12:47
-	7	(more near4 (feedback resistance force) near3 (range width)) same (joystick manipulator knob)	USPAT	2004/08/25 12:53
-	42	((feedback resistance force) with (range width) near4 (movable movement)) same (joystick manipulator knob)	USPAT	2004/08/25 15:38
-	20626	(feedback resistance force) same (joystick manipulator knob)	USPAT	2004/08/25 15:41
-	306713	(end limit range width) near5 (motion movement movable)	USPAT	2004/08/25 15:41
-	7415	((feedback resistance force) same (joystick manipulator knob)) and ((end limit range width) near5 (motion movement movable))	USPAT	2004/08/25 15:40
-	974	((feedback resistance force) same (joystick manipulator knob)) same ((end limit range width) near5 (motion movement movable))	USPAT	2004/08/25 15:42
-	51	((feedback resistance force) same (joystick manipulator knob)) same ((end limit range width) near5 (motion movement movable))) and 345/\$.ccls.	USPAT	2004/08/25 15:41
-	11660	(feedback resistance force) with (joystick manipulator knob)	USPAT	2004/08/25 15:41
-	4374	((feedback resistance force) with (joystick manipulator knob)) and ((end limit range width) near5 (motion movement movable))	USPAT	2004/08/25 15:41

-	179	((feedback resistance force) with (joystick manipulator knob)) and ((end limit range width) near5 (motion movement movable))) and 345/\$.ccls.	USPAT	2004/08/25 15:42
-	514	((feedback resistance force) with (joystick manipulator knob)) same ((end limit range width) near5 (motion movement movable))	USPAT	2004/08/25 15:42
-	29	((feedback resistance force) with (joystick manipulator knob)) same ((end limit range width) near5 (motion movement movable))) and 345/\$.ccls.	USPAT	2004/08/25 15:44
-	1	3,541,521.pn.	USPAT	2004/08/25 15:50
-	4397	(more high) near3 (force resistance feedback) near8 (range width near6 (motion movement movable))	USPAT	2004/08/25 15:59
-	443	((more high) near3 (force resistance feedback) near8 (range width near6 (motion movement movable))) and (feedback resist\$4 force) near3 (input manipul\$3 knob)	USPAT	2004/08/25 15:55
-	40	((more high) near3 (force resistance feedback) near8 (range width near6 (motion movement movable))) and ((feedback resist\$4 force) near3 (input manipul\$3 knob)).ab.	USPAT	2004/08/25 16:01
-	1433	(more high) near3 (force feedback) near8 (range width near6 (motion movement movable))	USPAT	2004/08/25 16:00
-	9363	(increas\$3 more high) near3 (force feedback) near8 (end range width near6 (motion movement movable))	USPAT	2004/08/25 16:00
-	530	(increas\$3 more high) near3 (force feedback) near8 (end range width) near4 (motion movement movable)	USPAT	2004/08/25 16:00
-	12	((increas\$3 more high) near3 (force feedback) near8 (end range width) near4 (motion movement movable)) and ((tactile haptic force) near3 (feedback) near4 (control input manipul\$3 knob))	USPAT	2004/08/25 16:07
-	4343	isometric and knob	USPAT	2004/08/25 16:07
-	61	isometric near6 knob	USPAT	2004/08/25 16:07
-	45	(isometric and isotonic) with (manipul\$7 control input knob)	USPAT	2004/08/25 16:23

-	44	("3157853" "3220121" "3497668" "3517446" "3902687" "3903614" "4160508" "4236325" "4513235" "4581491" "4599070" "4708656" "4713007" "4891764" "4930770" "4934694" "5019761" "5022407" "5035242" "5038089" "5078152" "5186685" "5212473" "5240417" "5271290" "5275174" "5299810" "5309140" "5334027" "5414337" "5466213" "5547382" "5745057" "5766016" "5785630" "5821921" "5841428" "6046726" "6111577" "6219035" "6292174" "6320487" "6362814" "6422941").PN.	USPAT	2004/08/25 16:14
-	32	more near3 (force resistance) near4 (range near4 (movable motion movement))	USPAT	2004/08/25 16:24
-	2405	(feedback force resistance) near5 ((large\$2 wide\$2) near4 (movable motion movement))	USPAT	2004/08/25 16:45
-	88	(more increas\$3) near3 (feedback force resistance) near5 ((large\$2 wide\$2) near4 (movable motion movement))	USPAT	2004/08/25 16:46
-	19	((feedback force resistance) near5 ((large\$2 wide\$2) near4 (movable motion movement))) and 345/\$.ccls.	USPAT	2004/08/25 16:56

-	101	("3919691" "4050265" "4131033" "4477043" "4560983" "4706294" "4712101" "4782327" "4795296" "4800721" "4823634" "4868549" "4935728" "4943866" "4964004" "4979050" "4983901" "5007300" "5044956" "5095303" "5107080" "5138154" "5139261" "5146566" "5185561" "5186629" "5189355" "5193963" "5204600" "5220260" "5223776" "5235868" "5254919" "5280276" "5296846" "5296871" "5313230" "5317336" "5355148" "5374942" "5381080" "5389865" "5396266" "5398044" "5405152" "5414337" "5457479" "5473344" "5477237" "5491477" "5513100" "5530455" "5541379" "5542672" "5543821" "5576727" "5589828" "5589854" "5591082" "5623582" "5625576" "5627531" "5642469" "5643087" "5656901" "5666138" "5666473" "5691747" "5691898" "5709219" "5712725" "5714978" "5721566" "5724068" "5724106" "5734373" "5736978" "5742278" "5745057" "5749577" "5754023" "5755577" "5760764" "5767839" "5781172" "5787152" "5790108" "5805140" "5808568" "5808603" "5823876" "5825308" "5831408" "5841428" "5889506" "5889670" "5889672" "5912661" "5944151" "5959613" "5990869").PN.	USPAT	2004/08/25 16:48
-	28	(range near4 (motion movement)) with (haptic force) near3 feedback	USPAT	2004/08/25 17:02
-	448	(range near4 (motion movement)) and (haptic force) near3 feedback	USPAT	2004/08/25 17:02
-	80	(range near4 (motion movement)) same (haptic force) near3 feedback	USPAT	2004/08/25 17:05

-	44	("3157853" "3220121" "3497668" "3517446" "3902687" "3903614" "4160508" "4236325" "4513235" "4581491" "4599070" "4708656" "4713007" "4891764" "4930770" "4934694" "5019761" "5022407" "5035242" "5038089" "5078152" "5186685" "5212473" "5240417" "5271290" "5275174" "5299810" "5309140" "5334027" "5414337" "5466213" "5547382" "5745057" "5766016" "5785630" "5821921" "5841428" "6046726" "6111577" "6219035" "6292174" "6320487" "6362814" "6422941").PN.	USPAT	2004/08/25 17:04
-	2	(wide near3 range near4 (motion movement)) same (haptic force) near3 feedback	USPAT	2004/08/25 17:05
-	44	(control adj knob) near6 feedback	USPAT	2004/08/25 17:09
-	5	(high near4 resistance) near6 (range fine) near4 (movement)	USPAT	2004/08/25 17:10
-	11	(high near4 resistance) near6 (possible near4 movement)	USPAT	2004/08/25 17:11
-	2	(more near4 resistance) near6 ((small narrow fine) near4 movement)	USPAT	2004/08/25 17:12
-	372	(resistance) near6 ((small narrow fine) near4 movement)	USPAT	2004/08/25 17:12
-	11	(increas\$4 near4 resistance) near6 ((small narrow fine) near4 movement)	USPAT	2004/08/25 17:12
-	2752	(force resistance) near7 (range width wide) near3 (movement motion movable)	USPAT	2004/08/25 17:14
-	50	((force resistance) near7 (range width wide) near3 (movement motion movable)) and 345/\$.ccls.	USPAT	2004/08/25 17:15